

**CLAIMS**

1. A computer implemented method for planning comprising:

5 defining one or more work card templates;

receiving a plurality of operational work cards;

comparing the operational work cards with the work card template;

adding schedule parameters to the operational work

10 cards that match the work cards template;

adding expected non-routine work cards to the operational work cards;

scheduling the expected non-routing work cards and the operational work cards;

15 receiving completed, suspended, modified, or non-routine work cards;

removing the completed work cards from an active work card schedule

20 displaying each work card for a work order graphically with a task bar representing each work card;

storing multiple work cards configuration in a first stack;

storing multiple work cards configuration in a second stack; and

25 comparing any configuration in the first stack with any configuration in a second stack;

using a critical path method to determine an overall plan.